

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

LISTING SERVICE

LISTING No. 7272-1157:106

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CATEGORY: Photoelectric Smoke Detector

LISTEE Digital Monitoring Products Inc., 2500 N. Partnership Blvd, Springfield, MO, 65803
Contact: Terry Shelton (417) 831-9362 FAX (417) 831-1325

DESIGN: Models 521LX and 521LXT two-wire, addressable, photoelectric type smoke detectors. Model 521LXT employs a supplemental heat sensor for use only to assist the smoke detector in a fire situation. This thermal circuitry is not approved for use in lieu of required heat detectors. Refer to listee's data sheet for additional detailed product description and operational considerations.

RATING: 12 VDC

INSTALLATION: In accordance with listee's printed installation instructions, applicable codes & ordinances and in a manner acceptable to the authority having jurisdiction.

MARKING: Listee's name, model number, electrical rating, and UL label.

APPROVAL: Listed as photoelectric type smoke detectors for use only with separately listed Models XR200 / XR2400F (CSFM Listing No. 7165-1157:105) or *Models XR500/XR500N (CSFM Listing No. 7165-1157:123) fire alarm control units. Refer to listee's Installation Instruction Manual for details.

NOTE: *The photoelectric type detectors are generally more effective at detecting slow, smoldering fires which smolder for hours before bursting into flames. Sources of these fires may include cigarettes burning in couches or bedding. The ionization type detectors are generally more effective at detecting fast, flaming fires which consume combustible materials rapidly and spread quickly. Sources of these fires may include paper burning in a waste container or a grease fire in the kitchen.

*Rev. 06-03-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy
Program Manager**